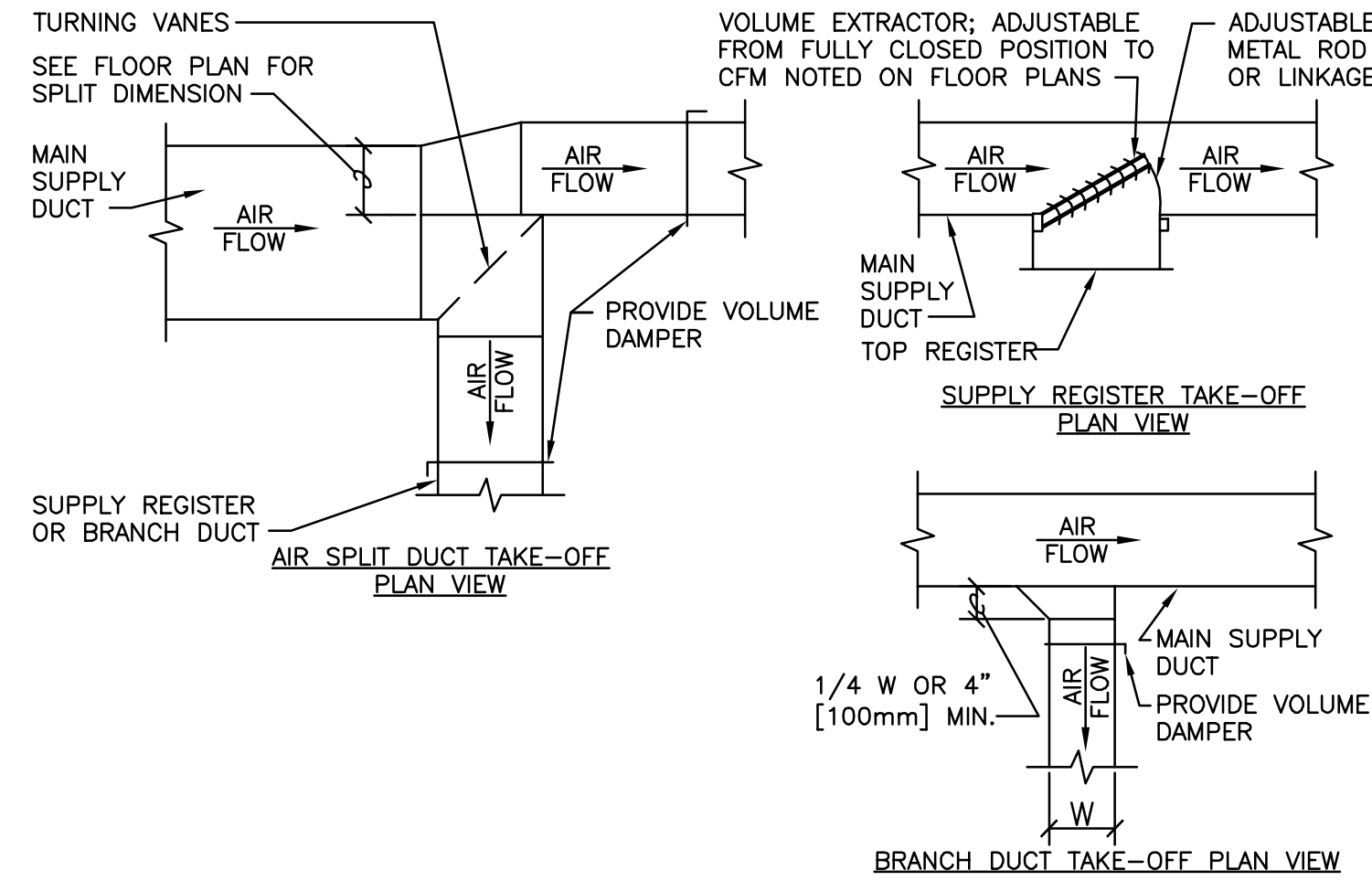


NOTE:
THE USE OF FLEXIBLE AIR DUCT CONNECTORS ARE NOT PERMITTED FOR THE DEDICATED AHU SERVING THE SURGICAL SUITE.

3 FLEXIBLE AIR DUCT CONNECTOR

NTS

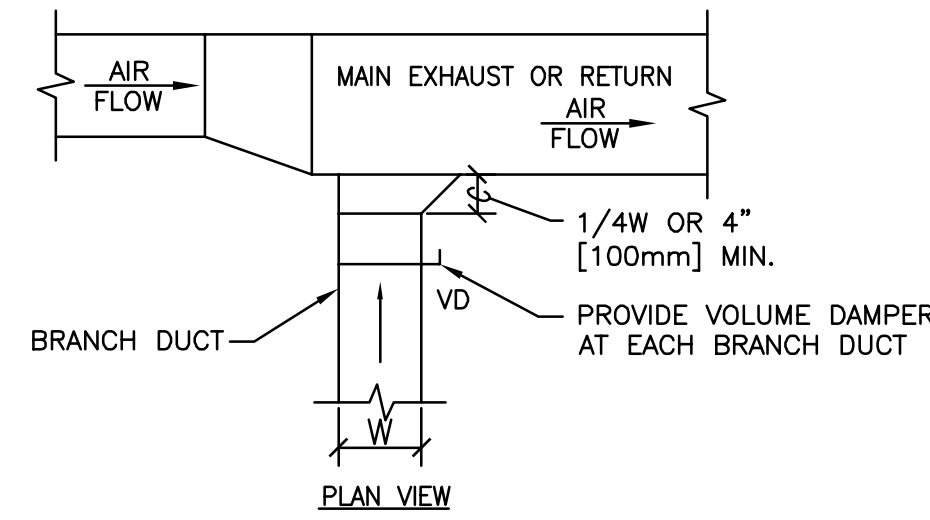


4 SUPPLY DUCTWORK TAKE-OFFS

NTS

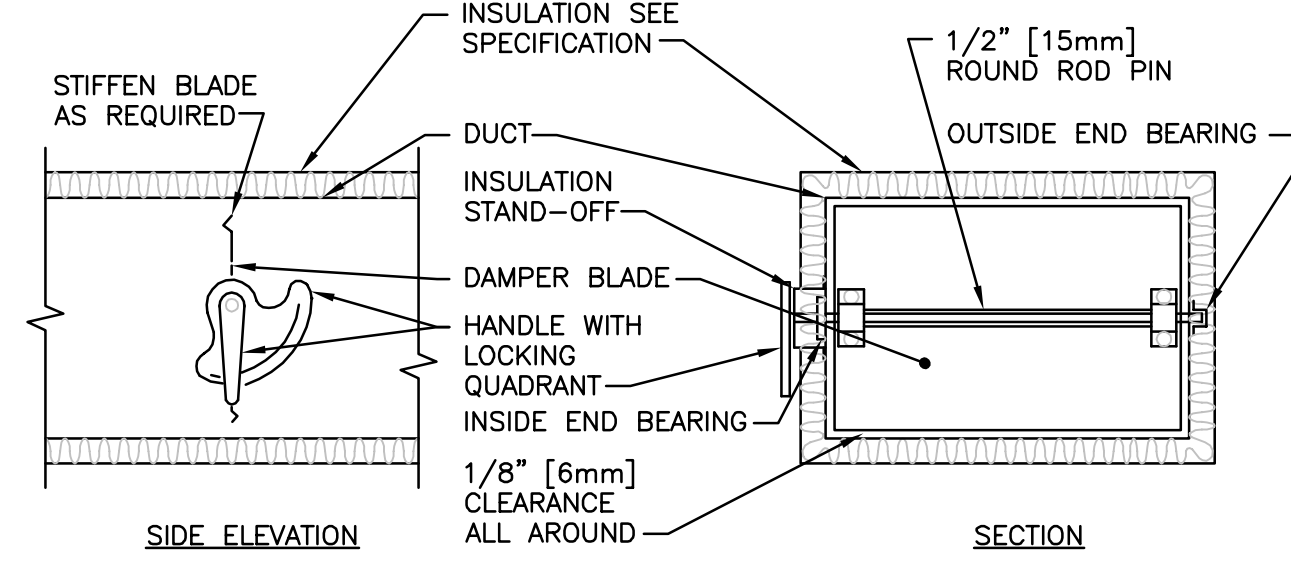
DESIGNER'S NOTES:

1. THE SUPPLY REGISTER TAKE-OFF MAY BE USED FOR UP TO 25% OF THE MAIN DUCT CFM. THE BRANCH DUCT TAKE-OFF MAY BE USED FOR UP TO 15% OF THE MAIN DUCT CFM ANYTIME AND UP TO 40% WHEN THE MAIN DUCT VELOCITY IS 1000 FPM [5.1 M/S] OR LESS. THE AIR SPLIT DUCT TAKE-OFF SHALL BE USED IN ALL OTHER CASES AND MAY BE USED AT ANYTIME.
2. SHOW ALL VOLUME DAMPERS ON FLOOR PLANS.



5 EXHAUST OR RETURN BRANCH DUCTWORK

NTS



NOTE:

1. DELETE INSULATION STAND-OFF ON DUCTWORK WITHOUT EXTERIOR INSULATION.
2. DETAIL SHOWS SINGLE BLADE DAMPER. DAMPER INSTALLATION SHALL BE SIMILAR FOR MULTI-BLADE DAMPERS & ROUND DAMPERS.

6 VOLUME DAMPER DETAIL

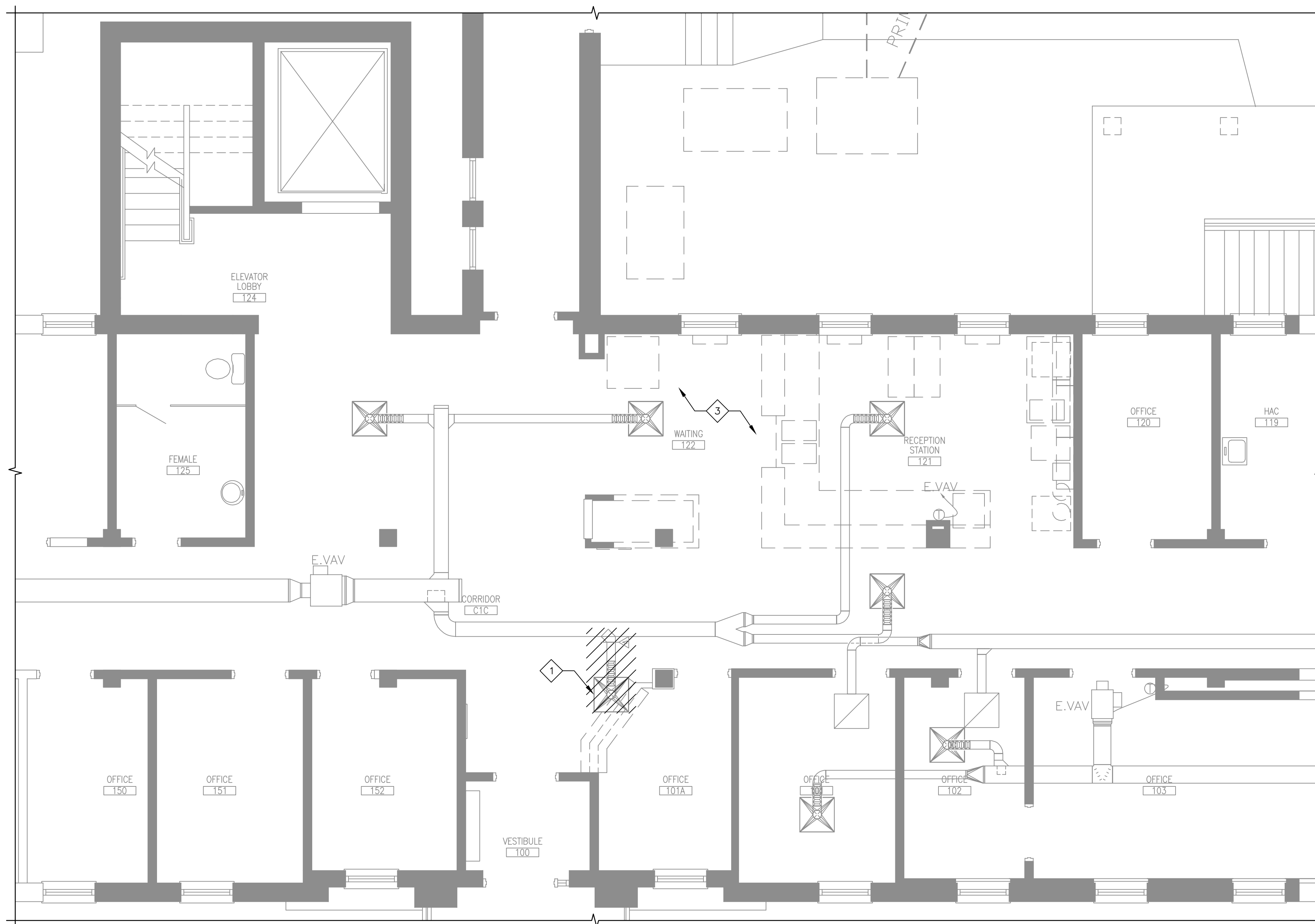
NTS

GENERAL NOTES

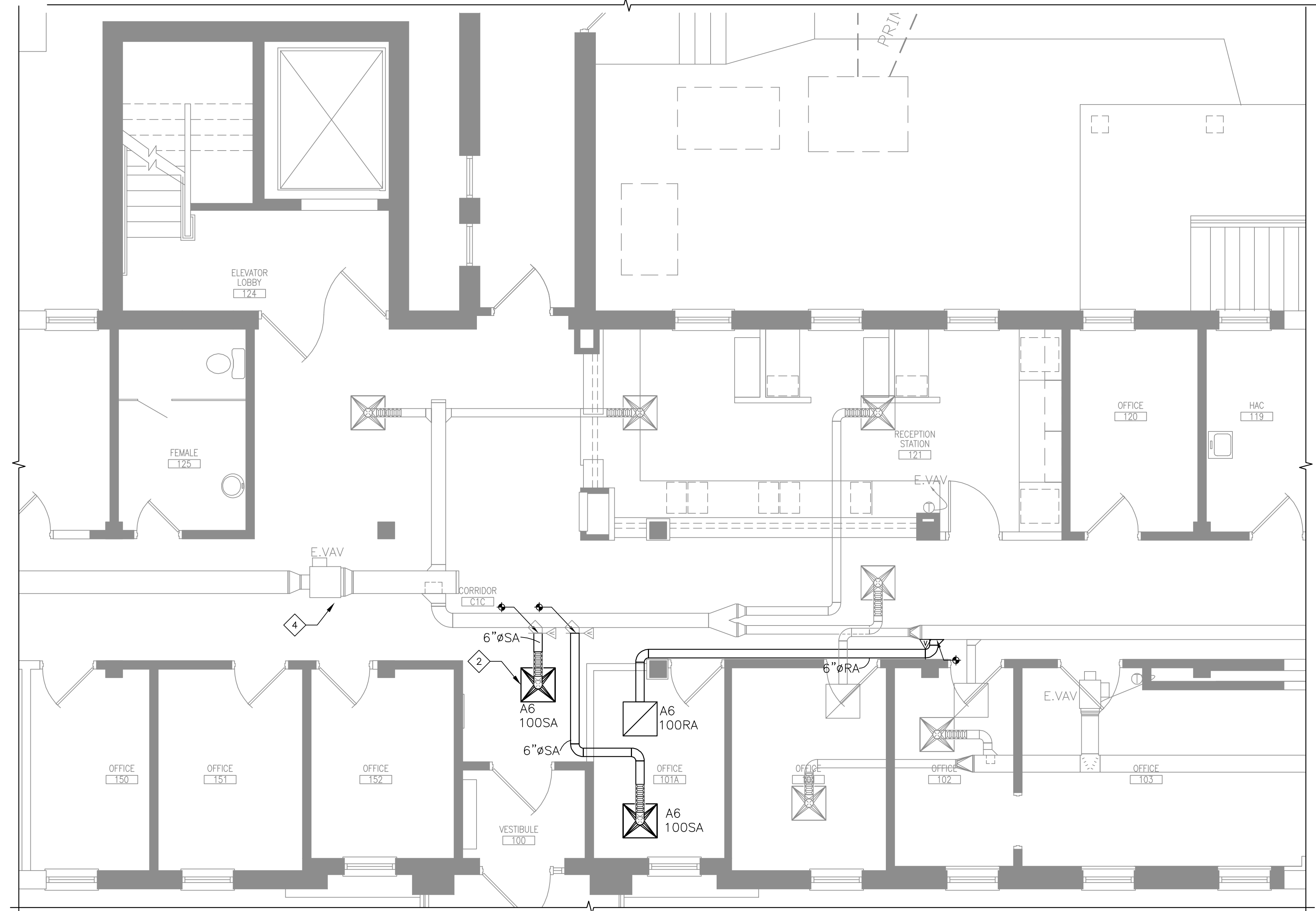
1. MECHANICAL CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS.
2. ALL FLOOR AND WALL PENETRATIONS SHALL BE SEALED TO MEET FIRE RATINGS.
3. ALL HATCHED ITEMS DENOTE REMOVAL OR RELOCATION.

PLAN NOTES

- 1 REMOVE EXISTING DIFFUSER AND ASSOCIATED DUCT. PROTECT DIFFUSER FOR RELOCATION.
- 2 RELOCATED EXISTING DIFFUSER.
- 3 EXISTING MECHANICAL EQUIPMENT TO REMAIN.
- 4 REBALANCE EXISTING VAV TO ACCOMMODATE NEW DIFFUSER.



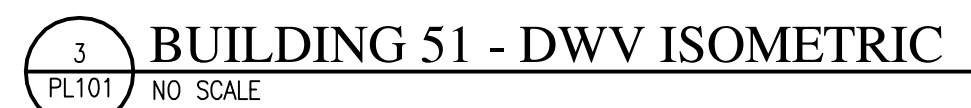
BUILDING 2 - FIRST FLOOR HVAC DEMO PLAN
SCALE = 1/4"=1'-0"



BUILDING 2 - FIRST FLOOR HVAC REVISED PLAN
SCALE = 1/4"=1'-0"

100 % CONSTRUCTION DOCUMENTS - FOR CONSTRUCTION

No. _____ REVISION DATE	Design Tree ENGINEERING AND LAND SURVEYING Alexandria Office 525 Broadway Street Alexandria, MN 56308 phone 320.759.9030 facsimile 320.759.9062 www.jlgarchitects.com copyright © 2013	JLG architects Alexandria 525 Broadway Street Alexandria, MN 56308 phone 320.759.9030 facsimile 320.759.9062 www.jlgarchitects.com copyright © 2013	STAMPED: I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A SEELY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA. SHARNET JOHNSTON, PE DATE: 05-15-2013 REG. NO.: MN 44955	DRAWING TITLE: BUILDING 2 - FIRST FLOOR HVAC DEMO AND REVISED PLAN APPROVED: PROJECT DIRECTOR DATE: 05-15-2013	PROJECT TITLE: UPGRADE RECEPTION STATIONS BLDGS 2 & 51 BUILDING No: 2 & 51 DESIGNED BY: BTJ CHECKED BY: GAP DATE: 05-15-2013	DATE: 05-15-2013 PERMIT STATUS: AS NOTED PROJECT NO.: 656-13-226 CADD FILE: XXX DRAWING NO.: M-101-2 REV: 1 of 21	St. Cloud VA Health Care System Brainerd Montevideo Alexandria



GENERAL NOTES	
1.	PLUMBING CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS.
2.	ALL FLOOR AND WALL PENETRATIONS SHALL BE SEALED TO MEET FIRE RATINGS.
3.	ALL HATCHED ITEMS DENOTE REMOVAL OR RELOCATION.

- ## PLAN NOTES
- | | |
|---|--|
| 1 | EXISTING PLUMBING FIXTURE TO REMAIN. |
| 2 | REMOVE EXISTING PLUMBING FIXTURE, REROUTE PIPING AS NEEDED FOR CONNECTION TO NEW PLUMBING FIXTURE. SEE 2/PL101 FOR NEW LOCATION. |
| 3 | REMOVE EXISTING PLUMBING FIXTURE AND ASSOCIATED PIPING. PIPING SHALL BE CAPPED BEHIND WALLS AND/OR BELOW FLOOR. |
| 4 | CONNECT NEW PLUMBING FIXTURE TO 4"E.SAN, 2"E.V, AND 1½"E.CW. |
| 5 | CONNECT NEW PLUMBING FIXTURE TO 1½"E.SAN, 1½"E.V, ½"E.HW AND 1½"E.CW. |
| 6 | CONNECT NEW PLUMBING FIXTURE TO NEAREST 1½"E.SAN, 1½"E.V, ¾"E.HW AND ¾"E.CW. |



100 % CONSTRUCTION DOCUMENTS - FOR CONSTRUCTION

[illegible]